

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A positioning system for offering positioning information on the basis of a signal transmitted from a quasi-zenith satellite, wherein said signal includes another signal transmitted to said quasi-zenith satellite from a communication station after being produced as a result of processing still other signals received from a plurality of positioning satellites by multiple reference stations placed on the ground, ~~and~~ said positioning system comprising a positioning information offering apparatus is provided to transmit said signal sent ~~transmitted~~ from said quasi-zenith satellite and a positioning information of said positioning ~~system~~ information offering apparatus.

2. (Currently Amended) A positioning system according to claim 1, wherein said signal transmitted from said communication station includes at least a signal resulting from processing the signals that three ~~ones~~ reference stations surrounding said positioning information offering apparatus, of said multiple reference stations, have transmitted, and the positioning information of said positioning information offering apparatus includes its own identification code, transmitting time, and its own position or position at the time of transmission.

3. (Original) A positioning system according to claim 1, wherein the frequency of said signal transmitted from said quasi-zenith satellite is different from that of said signal transmitted from said positioning information offering apparatus.

4. (Original) A positioning system according to claim 2, wherein the frequency of said signal transmitted from said quasi-zenith satellite is different from that of said signal transmitted from said positioning information offering apparatus.

5. (Original) A positioning system according to claim 3, wherein said signal transmitted from said positioning information offering apparatus is of 2.4-GHz band, 5-GHz band or a frequency band for mobile communication.

6. (Original) A positioning system according to claim 4, wherein said signal transmitted from said positioning information offering apparatus is of 2.4-GHz band, 5-GHz band or a frequency band for mobile communication.

7.-8. (Cancelled)

9. (Original) A positioning system according to claim 1, wherein said multiple positioning satellites include at least any one of GPS satellite, GLONASS satellite, GALILEO satellite and quasi-zenith satellite.

10. (Cancelled)

11. (Original) A positioning system according to claim 1, wherein said signal transmitted from said quasi-zenith satellite has its transmission channel changed according to the reference stations that have received signals from said positioning satellites.

12. (Original) A positioning system according to claim 11, wherein said positioning information offering apparatus selectively changes the receiving channel of said signal transmitted from said quasi-zenith satellite according to the reference stations disposed around said apparatus.

13.-16. (Cancelled)

17. (New) A positioning information offering apparatus, comprising:
a receiving unit to receive a signal transmitted from a satellite; and
a transmission unit to transmit said signal from said satellite and a positioning information of said positioning information offering apparatus.

18. (New) A positioning information offering apparatus according to claim 17, wherein

said signal from said satellite includes a correction information of the positioning information which is obtained by processing signals received by a plurality of reference stations from a plurality of positioning satellites.

19. (New) A positioning information offering apparatus according to claim 17, wherein

said signal from said satellite includes a signal which is produced by processing signals transmitted from at least three reference stations around said positioning information offering apparatus.

20. (New) A positioning information offering apparatus according to claim 17, wherein

said positioning information of said positioning information offering apparatus includes an identification code of said positioning information offering apparatus, a transmitting time when said positioning information was transmitted from said positioning information offering apparatus, and a position of said positioning information offering apparatus.

21. (New) A positioning information offering apparatus according to claim 17, wherein

a frequency of the signal transmitted from said positioning information offering apparatus is different from a frequency of the signal transmitted from said satellite.

22. (New) A positioning information offering apparatus according to claim 21, wherein

the frequency of the signal transmitted from said positioning information offering apparatus is in a frequency band of 2.4 GHz, 5 GHz or a mobile communication.

23. (New) A positioning information offering apparatus coupled with a communication station via a network, wherein

said positioning information offering apparatus transmits a positioning correction information provided from said communication station and a positioning information of said positioning information offering apparatus, said positioning correction information being obtained by processing signals received by a plurality of reference stations from a plurality of positioning satellites.

24. (New) A positioning information offering apparatus according to claim 23, wherein

said positioning information offering apparatus transmits an identification code of said positioning information offering apparatus, a transmitting time when said positioning information was transmitted from said positioning information offering apparatus, and a position of said positioning information offering apparatus.

25. (New) A positioning apparatus, comprising:

a first receiving unit to receive a signal from a positioning satellite and to detect a positioning information from said signal; and

a second receiving unit to receive a signal from a positioning information offering apparatus located on a ground,

wherein a position of said positioning apparatus is determined based on a correction information of said positioning satellite provided from said first receiving unit and a positioning information of said positioning information offering apparatus provided from said second receiving unit.